

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/051061

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B10/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B G02B G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 164 724 A (LUCENT TECHNOLOGIES INC) 19 December 2001 (2001-12-19) paragraph '0011! - paragraph '0028! figures 1,4	1-28
X	US 6 538 787 B1 (KOGELNIK HERWIG ET AL) 25 March 2003 (2003-03-25) column 3, line 55 - column 6, line 27 column 7, line 8 - column 13, line 10 figures 1-15	1-4, 8-17, 21-28

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

13 May 2005

Date of mailing of the international search report

23/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VASSALLO C: "PMD pulse deformation" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 31, no. 18, 31 August 1995 (1995-08-31), pages 1597-1598, XP006003355 ISSN: 0013-5194	1,2,14, 15,27,28
A	the whole document	3-13, 16-27
A	US 2003/103723 A1 (SCHEERER CHRISTIAN ET AL) 5 June 2003 (2003-06-05) paragraph '0014! - paragraph '0047! figures 2,6,7	1-28
A	EP 0 909 045 A (LUCENT TECHNOLOGIES INC) 14 April 1999 (1999-04-14) paragraph '0013! - paragraph '0024! figures 1,4,6	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/051061

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EP 1164724	A	19-12-2001	US EP	2004208604 A1 1164724 A2		21-10-2004 19-12-2001
US 6538787	B1	25-03-2003		NONE		
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EP 0909045	A	14-04-1999	US CA CN EP JP JP NO	5930414 A 2245303 A1 1211744 A 0909045 A2 3466486 B2 11196046 A 984185 A		27-07-1999 16-03-1999 24-03-1999 14-04-1999 10-11-2003 21-07-1999 17-03-1999

